



Benefit of APSCO DSSP to Meteorology in Asia-Pacific



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Who we are

- A non-profit, inter-governmental organization
- Permanent Observer at the United Nations Committee on the Peaceful Uses of Outer Space
- Purpose is to promoting multilateral cooperation
- 11 Members

20 years preparation 10 years practice

1988

China, Pakistan and Thailand came up with the idea of Multilateral Cooperation

2005
and
2006

APSCO convention was signed by 9 Member States

2008

APSCO has formally established

2018

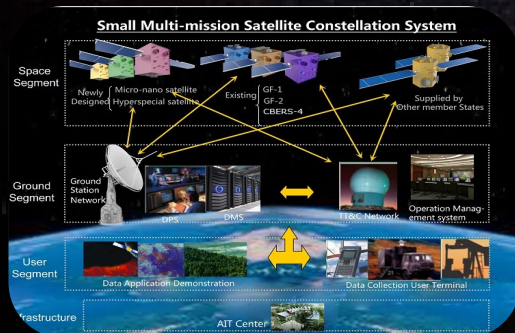
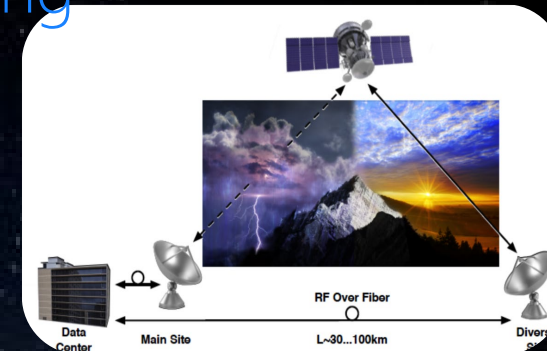
10 years Anniversary of APSCO

Things we do

APSCO Joint
Small Multi-
Mission
Satellites



Disaster monitoring
and Mitigation



Ground-Based
Space Object
Observation

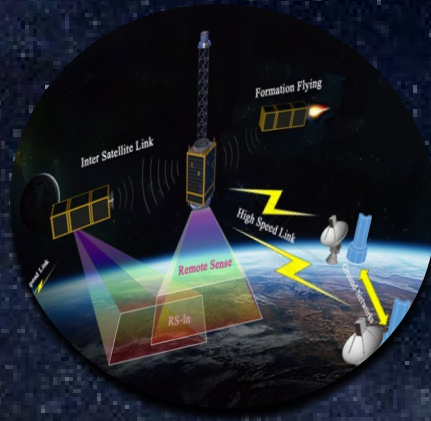


Science Technology
and Application

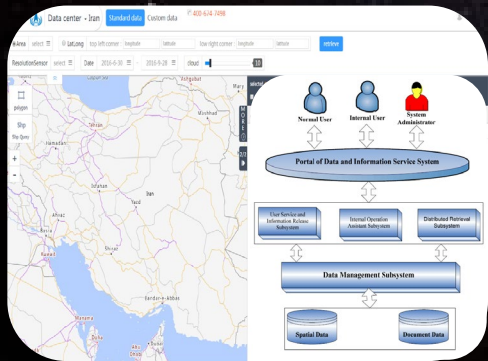
Things we do



Data Sharing
Service Platform



Degree Education
and Trainings



Student Small
Satellites



International
Symposium and
Space Law & Policy
Forum



Data Sharing Service Platform

Data Sharing Service Platform (DSSP) of APSCO is providing data from 4 Chinese remote sensing satellites to Member States for multi-purposes, including GF-2 which has 0.8M resolution.

More than *400,000* images have been acquired with more than *20 million* Km² coverage areas.

8000 images have been provided to Member States, 2 pilot projects have been concluded.

New data resources, Meteorological data, new pilot projects and more are coming.





Tripartite Agreement

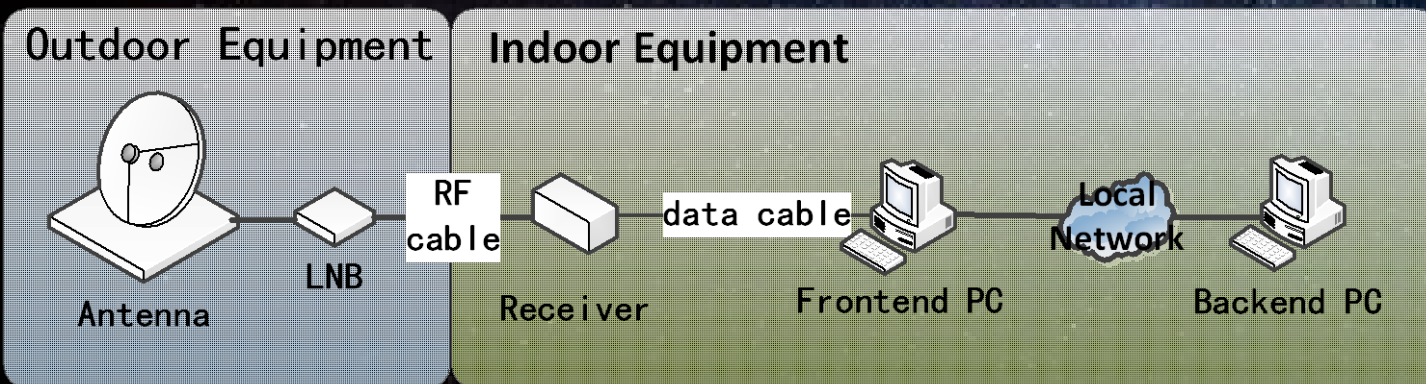


On November 14, APSCO 10th Anniversary High Level Forum was held in Beijing. China National Space Administration (CNSA), China Meteorological Administration (CMA), and Asia-Pacific Space Cooperation Organization (APSCO) signed Fengyun meteorological satellite cooperation agreement, which will optimize the configuration of FY series satellite constellation and enable data resources and services of FY series meteorological satellites to further benefit APSCO and its Member States.

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FY-2 Geostationary Satellite Data Receiving and Utilization System

FY-2 Geostationary Satellite Data Receiving and Utilization System can receive, process Chinese FY2 satellites S-VISSR broadening cloud data, it is an integrated system include data receiving, data processing, application and data sharing.



The system can receive S-VISSR data automatically from FY2 satellite, generate real-time image during the receiving procedure. After the receiving, system can generate various of projected image data in two minutes automatically. The system using the projected image data to finish the following analysis and generate function, and it can provide individualized products through human-computer interaction mode.



Integration with DSSP

Customized Services
and Products

Upgrade and Update

How to Benefit more
Asia-Pacific Countries

Future Development

Training Programs

More Data including GF
Series for Meteorology



THANK YOU

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